

## ABSTRACT

An improved structure water sprayer long tube and water pipe connector, specifically referring to the arrangement between the long tube and the water pipe connector of the water sprayer, wherein directly formed along the bottom section of the connector are internal threads that are followed in respective order from its water inlet end by a Teflon water sealing ring, a ball valve, and another Teflon water sealing ring for coupling the two components. The innovations are that the opening of the water outlet end is of a smaller inner diameter than that of the opening at the water inlet end and a water sealing ring is ensconced along the inner diameter edge of the water outlet end. Furthermore, after the long tube is installed into the inner diameter of the water outlet end, a flange formed at the bottom end of the long tube in the water inlet end of the connector is secured and constrained inside the connector, with the constraining of the long tube flange of the water sprayer enabling it to become assembled with the connector into a single structural entity that cannot be disconnected. Thus, after the water sprayer bottom end is first assembled to the connector and when the connector bottom end assembled to the water pipe connector is utilized, in addition to allowing the user to easily adjust the angle of the water sprayer, the separation and loss of the entire connector from the long tube of the water sprayer is effectively prevented.